

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) Control device in a home network including a plurality of appliances, wherein each appliance has an associated descriptor comprising information for controlling said appliance, said control device including:

a microprocessor for loading and processing descriptors associated with the appliances, wherein said descriptors each comprise at least one control function of a respective appliance, and a corresponding control function type associated with each of said at least one control function, from among a plurality of control function types;

a graphics generator for generating a display of a markup language page or page parts based on said descriptors, said control device ~~adapted to use~~ using descriptors of a plurality of appliances to recognize and aggregate appliance control functions of the same type for a plurality of appliances, based on the recognition, in order to display said aggregated functions on a single markup language page.

2. (previously presented) Device according to Claim 1, wherein said microprocessor is programmed to load a descriptor directly from the appliance with which it is associated, said descriptor being stored in a memory in this appliance.

3. (previously presented) Device according to Claim 1, wherein said microprocessor is programmed to load a descriptor from an internet server located on a different network from said home network, the address of the descriptor being loaded from the appliance with which the descriptor is associated.

4. Cancelled

5. (previously presented) Device according to Claim 1, wherein said descriptor contains at least one of the following functions: display of static information relating to the appliance, display of dynamic information relating to the appliance, or display of an object for controlling a function of the appliance.

6. (previously presented) Device according to Claim 5, wherein, when said descriptor contains an object for controlling a function of an appliance, as well as a program for generating a corresponding command to be transmitted to the appliance with which the set is associated.

7. (previously presented) Device according to Claim 1, wherein said descriptor comprises configuration data identifying an appliance as a source or receiver of a data type, said microprocessor being programmed to create at least one configuration page for allowing the user to specify the connections between appliances, and wherein the at least one configuration page indicates possible connections.

8. (Currently amended) Method of controlling at least one appliance in a domestic communication network having a control device connected to a display device, comprising the steps of:

loading descriptors, wherein said descriptors each comprise at least one control function of a respective appliance, and a corresponding control function type associated with each of said at least one control function, from among a plurality of control function types ~~containing data identifying functions for controlling at least one appliance,~~

~~recognizing and aggregating control functions of the same type in descriptors for a plurality of appliances~~ and aggregating said recognized control functions of the same type; and

creating at least one markup language page comprising aggregated appliance control functions of the same type for a plurality of appliances based on the recognizing step.

9. (previously presented) Method according to claim 8, wherein a descriptor is loaded from a internet server located on a network different from said home network based on an address provided by an appliance associated with said descriptor.

10. (currently amended) A system for controlling at least one appliance in a network, comprising:

a control device; and

at least one appliance coupled to the control device,

wherein the at least one appliance has at least one associated descriptor which is transmitted to the control device and displayed by the control device,

wherein the at least one appliance has at least one associated descriptor which is transmitted to the control device and displayed by the control device, wherein said at least one descriptor comprises at least one control function of a respective appliance, and a corresponding control function type associated with said at least one control function from among a plurality of control function types, and

wherein the control device is ~~adapted to use~~ using associated descriptors from a plurality of appliances to recognize and aggregate appliance control functions of the same type for a plurality of appliances based on the recognition in order to display aggregated functions on a single markup language page of display of the control device.

11. (previously presented) The system of claim 10, further comprising at least one interface circuit coupled between the at least one appliance and the control device.

12. (previously presented) The system of claim 11, wherein the at least one interface circuit is adapted to store the at least one associated descriptor therein.